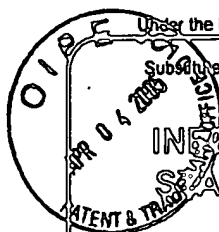


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of

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## Complete if Known

Application Number	10/807,905
Filing Date	03/23/2004
First Named Inventor	James W. Forbes
Art Unit	3612
Examiner Name	Stephen T. Gordon
Attorney Docket Number	200405.00021

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
17M		US- 190542	05/08/1877	BROOKS	
		US- 401528	04/16/1889	ZURCHER	
		US- 831648	09/25/1906	DODDS	
		US- 831654	09/25/1906	DODDS	
		US- 934578	09/21/1909	STOLLER	
		US- 975861	11/15/1910	HARRIGAN	
		US- 2061673	11/24/1936	ROBINSON	
		US- 2167427	07/25/1939	TATUM	
		US- 2650856	09/01/1953	MASHBURN JR ET AL	
		US- 2710221	06/07/1955	HINNERS	
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		US- 2759737	08/21/1956	MANNING	
		US- 2768004	10/23/1956	WAGNER	
		US- 2801597	08/06/1957	ECOFF	
		US- 2803201	08/20/1957	JOHNSON ET AL	
		US- 2810602	10/22/1957	ABRAMS	
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17M		US- 2851301	09/09/1958	JAGSCH	

## FOREIGN PATENT DOCUMENTS

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17M		CA 1265388	02/1990	—		
		CA 2313834	01/2002	—		
		EP 0306584	03/1989	—		
17M		NL 37659	01/1933	FRIED KRUPP AG		

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S Gordon

Date  
Considered

9-16-05

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INFORMATION DISCLOSURE  
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Sheet 2 of 7

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First Named Inventor	James W. Forbes
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Examiner Name	Stephen T. Gordon
Attorney Docket Number	200405.00021

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175		US- 2883945	04/28/1959	WALKER	
		US- 2904340	09/15/1959	SIMPSON	
		US- 2940402	06/14/1960	HANSEN ET AL	
		US- 3009426	11/21/1961	NAMPA	
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		US- 3240168	03/15/1966	CHARLES ET AL	
		US- 3357371	12/12/1967	GUTRIDGE	
		US- 3485184	12/23/1969	BERRY	
		US- 3509829	05/05/1970	HENRIKSSON ET AL	
		US- 3659724	05/02/1972	MILLER ET AL	
		US- 3713400	01/30/1973	TEOLI	
		US- 3724394	04/03/1973	PRINGLE	
		US- 3751102	08/07/1973	STONEBURNER	
		US- 3774554	11/27/1973	O'NEILL ET AL	
		US- 3777671	12/11/1973	MILLER ET AL	
		US- 3779411	12/18/1973	MORETTI JR	
175		US- 3788702	01/29/1974	TOBOLL	

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Examiner Signature	S Gordon	Date Considered	9-16-05
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Sheet 3 of 7

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AJA		US- 3806182	04/23/1974	BATESON ET AL	
		US- 3814028	06/04/1974	ADLER	
		US- 3818843	06/25/1974	LEE	
		US- 3820476	06/28/1974	HARTER ET AL	
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		US- 4091742	05/30/1978	CORDANI	
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		US- 4194451	03/25/1980	DEHNER	
		US- 4221427	09/09/1980	SENTLE JR ET AL	
		US- 4236459	12/02/1980	TEOLI	
AJA		US- 4254714	03/10/1981	HEAP	

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Application Number	10/807,905
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		Number-Kind Code <sup>2</sup> (if known)			
123		US- 4331083	05/25/1982	LANDREGAN ET AL	
		US- 4348963	09/14/1982	DANCY	
		US- 4361097	11/30/1982	JONES ET AL	
		US- 4373447	02/15/1983	PFISTER	
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		US- 4478155	10/23/1984	CENA ET AL	
		US- 4543887	10/01/1985	BAKER	
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		US- 4580844	04/08/1986	FARMER	
		US- 4626017	12/02/1986	ROBERTSON	
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		US- 4646653	03/03/1987	BALBI ET AL	
		US- 4686907	08/18/1987	WOOLLAM ET AL	
		US- 4688976	08/25/1987	ROWLEY ET AL	
123		US- 4690072	09/01/1987	WILLE ET AL	
		US- 4738203	04/19/1988	GIELOW ET AL	

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S Gordon

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Application Number	10/807.905
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First Named Inventor	James W. Forbes
Art Unit	3612
Examiner Name	Stephen T. Gordon
Attorney Docket Number	200405.00021

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1/15		US- 4751882	06/21/1988	WHEATLEY ET AL	
		US- 4756256	07/12/1988	RAINS ET AL	
		US- 4770578	09/13/1988	COLEMAN	
		US- 4771705	09/20/1988	PRZYBYLINSKI ET AL	
		US- 4771706	09/20/1988	LINDAUER ET AL	
		US- 4805539	02/21/1989	FERRIS ET AL	
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		US- 4966081	10/30/1990	DOMINQUEZ ET AL	
		US- 5159882	11/03/1992	KRUG ET AL	
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1/15		US- 5520489	05/28/1996	BUTCHER ET AL	

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		Filing Date	03/23/2004
		First Named Inventor	James W. Forbes
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(Use as many sheets as necessary)		Attorney Docket Number	200405.00021
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12/10		US- 5582495	12/10/1996	SCHROEDER	
		US- 5692792	12/02/1997	KLAR	
		US- 5878548	03/09/1999	SAUER ET AL	
		US- 5899646	05/04/1999	TATINA ET AL	
		US- 5943963	08/31/1999	BEALS	
		US- 6050202	04/18/2000	THOMPSON	
		US- 6183176	02/06/2001	WEINER	
		US- 6237506	05/29/2001	FORBES	
		US- 6470808	10/29/2002	CLARK ET AL	
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		US- 3244120	04/01/1966	TAYLOR	
		US- 3675592	07/01/1972	BATESON ET AL	
12/10		US- 3677193	07/01/1972	PRINGLE	

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Filing Date

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**First Named Inventor**

James W. Forbes

## Art Unit

3612

**Examiner Name**

**Stephen T. Gordon**

Attorney Docket Number

200405.00021

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122		US- 3734031	05/01/1973	WAGNER	
		US- 4452150	06/01/1984	DOMINGUEZ	
		US- 4543887	10/01/1985	BAKER	
		US- 4681041	07/01/1987	HARRIS ET AL	
		US- 4753175	06/01/1988	HARRIS ET AL	
		US- 4784067	11/01/1988	HARRIS ET AL	
		US- 4802420	02/01/1989	BUTCHER ET AL	
		US- 4951575	08/01/1990	DOMINGUEZ ET AL	
		US- 5024567	06/01/1991	DOMINGUEZ ET AL	
		US- 5088417	02/01/1992	RICHMOND ET AL	
		US- 5626083	05/01/1997	SAXTON	
		US- 5758584	06/01/1998	SAXTON	
		US- 6199486	03/01/2001	LANDRUM ET AL	
		US- 6431085	08/01/2002	SAXTON ET AL	
		US-			
	US-				
	US-				
122		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>C. Gordon</i>	Date Considered	9-16-05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

<p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>				Application Number	10/807,905
				Filing Date	3/23/2004
				First Named Inventor	James Forbes
				Art Unit	3612
				Examiner Name	Stephen T. Gordon
				Attorney Docket Number	200405.00021
Sheet	1	of	3		

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
120	1	CAR BUILDERS' CYCLOPEDIA OF AMERICAN PRACTICE, 14th ed., Simmons-Boardman Publishing Corporation, New York, NY, 1937, pp. 209-214.	
S	2	CAR BUILDERS' CYCLOPEDIA OF AMERICAN PRACTICE, 18th ed., Simmons-Boardman Publishing Corporation, New York, NY, 1949-51, pp. 155.	
	3	CAR BUILDERS' CYCLOPEDIA OF AMERICAN PRACTICE, 19th ed., Simmons-Boardman Publishing Corporation, New York, NY, 1953, pp. 284-285.	
	4	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., January 5, 1959, p. 19.	
	5	CAR BUILDERS' CYCLOPEDIA OF AMERICAN PRACTICE, 21st ed., Simmons-Boardman Publishing Corporation, New York, NY, 1961, pp. 168-172.	
	6	CAR BUILDERS' CYCLOPEDIA OF AMERICAN PRACTICE, 21st ed., Simmons-Boardman Publishing Corporation, New York, NY, 1961, pp. 447-448.	
	7	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., 1965, pp. 22-23.	
	8	BLODGETT, OMER W., "Rigid-Frame Knees (Elastic Design)" in Design of Welded Structures, James F. Lincoln Arc Welding Foundation, June 1966, pp. 5.11-1 to 5.11-20.	
	9	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., March 20, 1967, p. 15.	
121	10	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., December 18, 1967, p. 58.	

Examiner Signature	S Gordon	Date Considered	9-16-05
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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/807,905
				Filing Date	3/23/2004
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AS	11	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., February 19, 1968. "RSP Carbuilding Shop Adds Repair Facility", 1 page.		
	12	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., April 28, 1969. "Meet the Convertibles!", 1 page.		
	13	CAR AND LOCOMOTIVE CYCLOPEDIA OF AMERICAN PRACTICE, 2nd ed., Simmons-Boardman Publishing Corporation, New York, NY, 1970, p. 126.		
	14	CAR AND LOCOMOTIVE CYCLOPEDIA OF AMERICAN PRACTICE, 2nd ed., Simmons-Boardman Publishing Corporation, New York, NY, 1970, pp. 287 + 289.		
	15	CAR AND LOCOMOTIVE CYCLOPEDIA OF AMERICAN PRACTICE, 3rd ed., Simmons-Boardman Publishing Corporation, New York, NY, 1974, pp. S3-165 + S3-173 to S3-176.		
	16	CAR AND LOCOMOTIVE CYCLOPEDIA OF AMERICAN PRACTICE, 3rd ed., Simmons-Boardman Publishing Corporation, Omaha, Nebraska, copyright 1974, pp. 73 + 76.		
	17	THE CAR AND LOCOMOTIVE CYCLOPEDIA OF AMERICAN PRACTICE, 4th ed., Simmons-Boardman Publishing Corporation, Omaha, Nebraska, copyright 1980, pp. 242, 243 + 256.		
	18	THE CAR AND LOCOMOTIVE CYCLOPEDIA OF AMERICAN PRACTICE, 5th ed., Simmons-Boardman Publishing Corporation, Omaha, Nebraska, copyright 1984, p. 169.		
	19	Various photographs showing a dropped deck center beam car bearing model no. THRX 3001 manufactured by Thrall (date and location unknown).		
	20	Photographs showing a flatcar bearing model no. BCOL 866688 (date and location unknown).		

Examiner Signature	S. Gordon	Date Considered	9-16-05
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170	21	Various photographs showing a center beam car bearing model no. BNSF 564124 (date and location unknown).		
S	22	Illustration showing a model of a car built for Pulpwood Service in 1963.		
	23	Various photographs taken on September 19, 2000, Chicago, Illinois, USA, showing a dropped deck center beam car bearing model no. THRX 3001 manufactured by Thrall.		
	24	Various photographs taken on September 27, 2000, Campbellville, Ontario, Canada, showing a flatcar bearing model no. CN 602376.		
	25	Various photographs taken on September 27, 2000, Milton, Ontario, Canada, showing a flatcar bearing model no. BCOL 52098.		
	26	RAILWAY AGE WEEKLY, Simmons-Boardman Publishing Corporation, Boston, Conn., July 29, 1968, p. 42D.		
	27	Various photographs taken on April 24, 2001 at the Frid Street Yard, Hamilton, Ontario, Canada, showing a dropped deck center beam car bearing model no. GCFX 1002 manufactured by Alstom.		
	28	Various photographs taken on September 4, 2001 at the Frid Street Yard, Hamilton, Ontario, Canada, showing a dropped deck center beam car bearing model no. GBRX 20003 manufactured by Gunderson.		
	29	Various photographs taken on October 31, 2001 at the Frid Street Yard, Hamilton, Ontario, Canada, showing a dropped deck center beam car bearing model no. GBRX 20003 manufactured by Gunderson.		
170	30	Various photographs taken on May 17, 2001 at the Savage Reload Facility, Chicago, Illinois, USA, showing a dropped deck center beam car bearing model no. GBRX 20003 manufactured by Gunderson.		

Examiner Signature	S Gordon	Date Considered	9-16-05
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